

Continuation of polymerization until all isocyanates are consumed.

FIG. 1

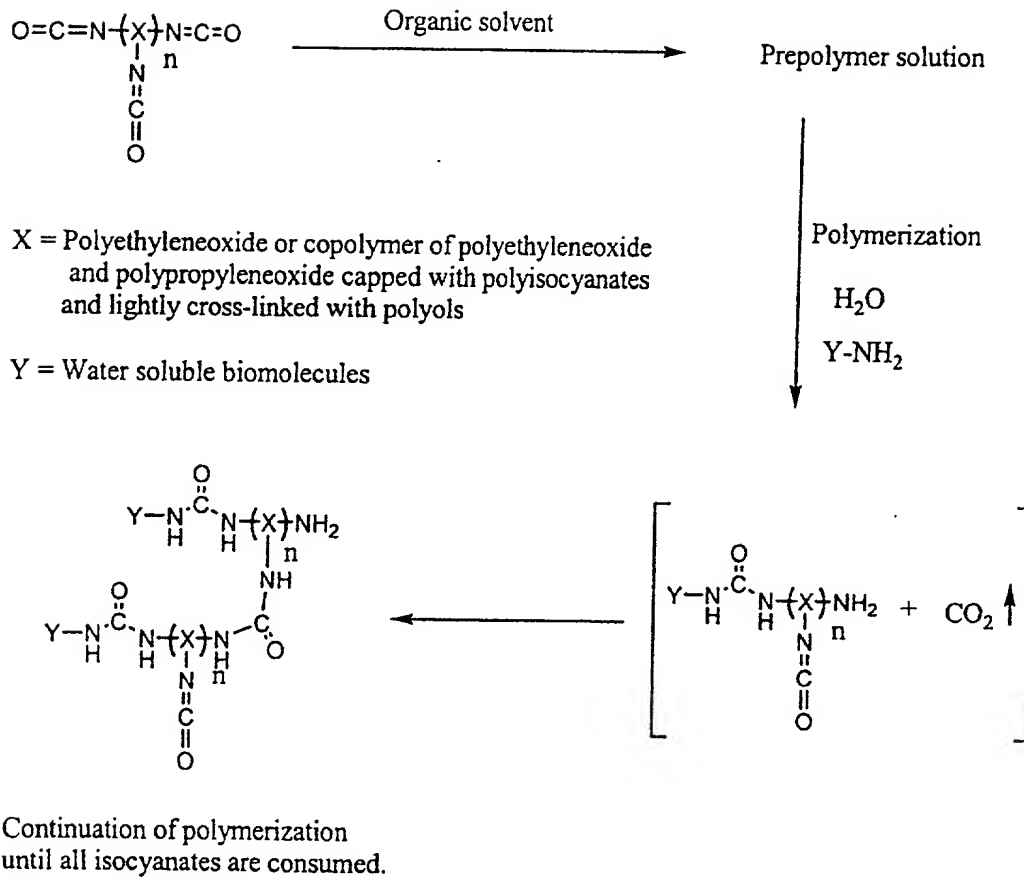
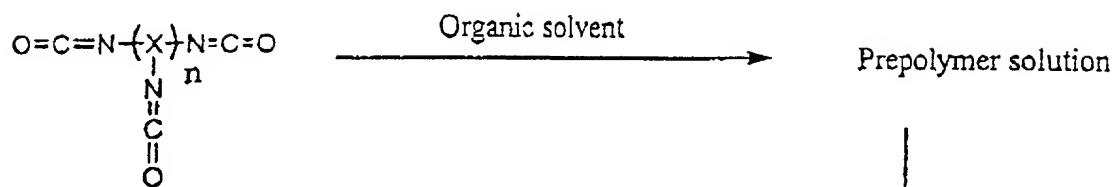
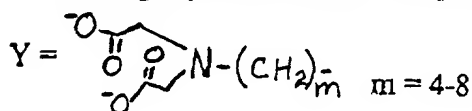


FIG. 2

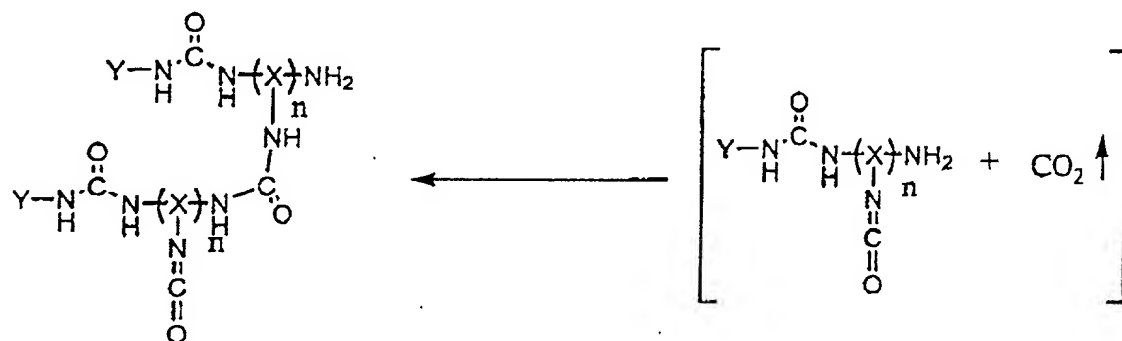
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X = Polyethyleneoxide or copolymer of polyethyleneoxide and polypropyleneoxide capped with polyisocyanates and lightly cross-linked with polyols



Polymerization

 H_2O $\text{Y}-\text{NH}_2$ 

Continuation of polymerization until all isocyanates are consumed.

FIG. 3A

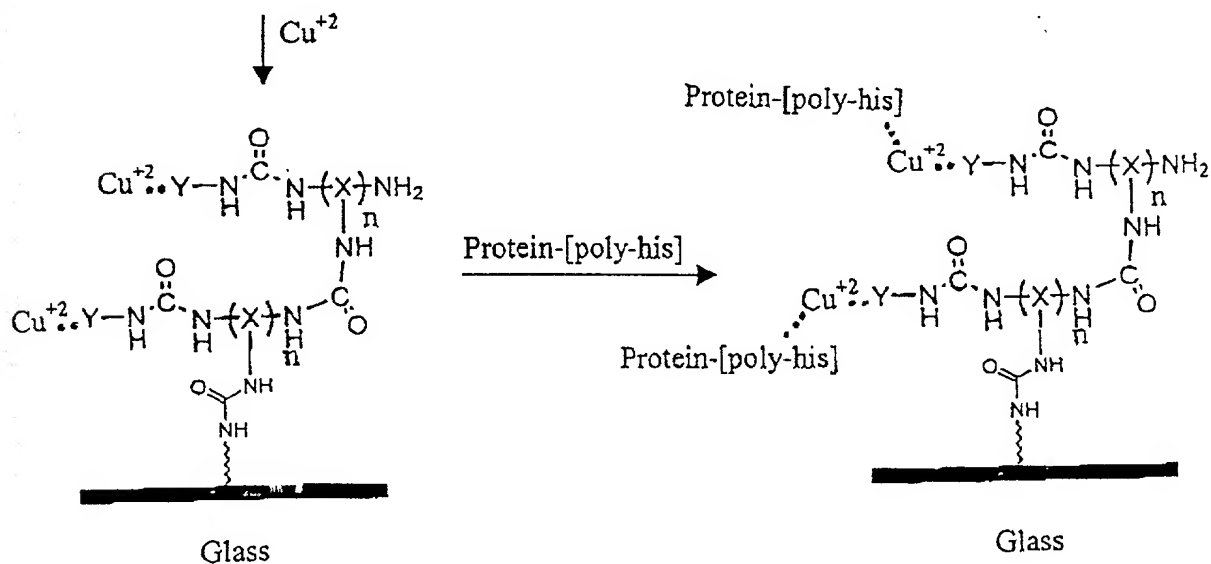


FIG. 3B

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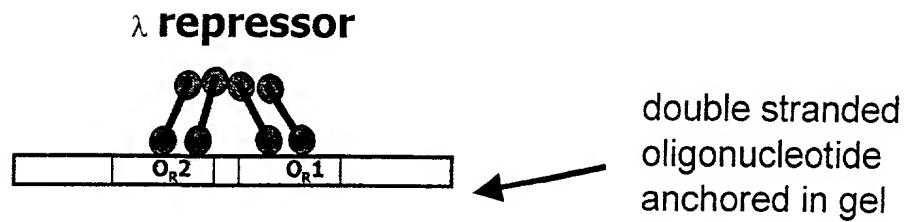
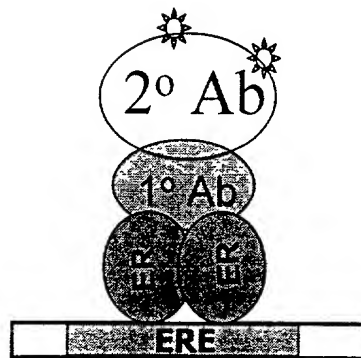


FIG. 4A

wt tctaacaccgtgcgtgttgactatttacctctggcggtgataatgg

mutant tcttacaccgtgcgtgttgactatttacctctggcggtgaaaatgg

FIG. 4B



ER: estrogen receptor
ERE: estrogen response element

FIG. 5

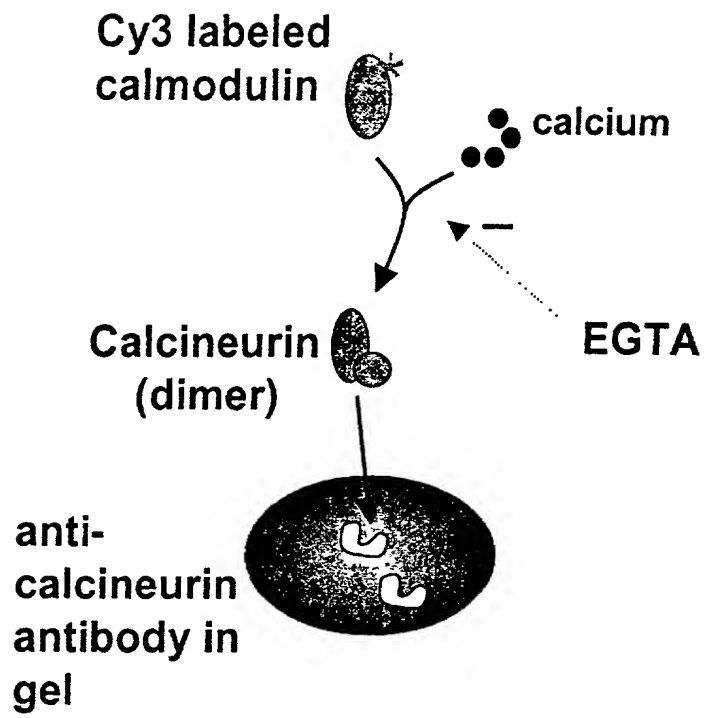


FIG. 6